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Tugas :

1. Dengan menggunakan PivotTable pada file Fakta_penjualan.xls tambahkan 2 buah field yaitu :
 - a. PPN (pajak Pertambahan Nilai) sebesar 10% dari tiap pendapatan pada pivot table
 - b. Total Penghasilan yang dihitung dari pendapatan dikurangi dengan PPN tersebut
2. Buatlah pivot table dan PivotChart untuk melihat PPN dan otal Penghasilan tersebut selama tahun 2010-2012 . kategori produk apakah yang memberikan nilai penghasilan terbanyak selama 3 tahun tersebut.

Jawaban :

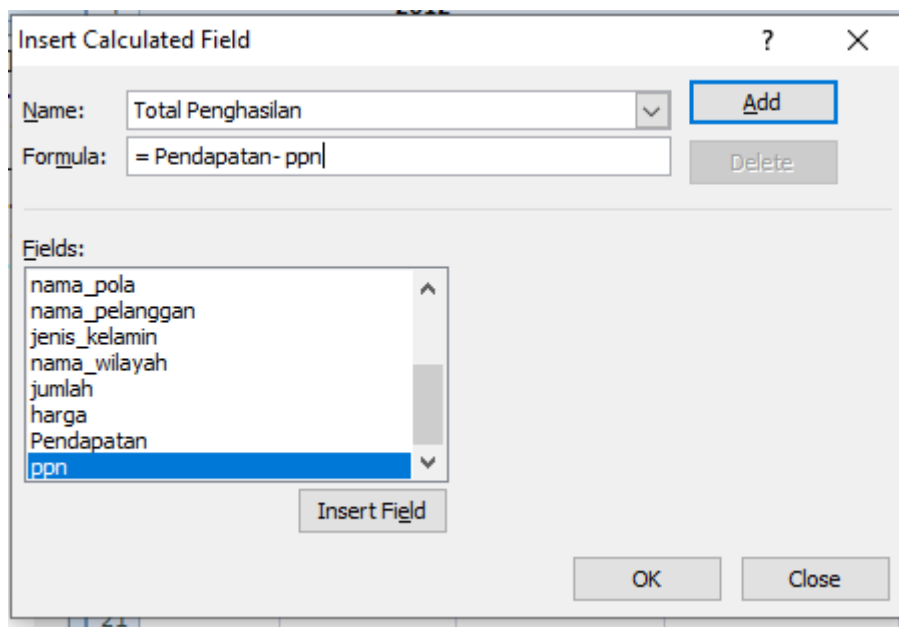
1. **A**

- a. buka sheet 1 fakta_penjualan.xls, dan letakkan kursor kearea pivotTable
- b. Pada Menu Ribbon PivotTable Tools |Options, klik button formulas dan pilih Calculated Field.
- c. pada kontak dialog Insert Calculated Field yang muncul, masukan nilai kemudian klik OK
 - a)Name : ppn
 - b)Formula = $10/100 * \text{pendapatan}$
- d. Field baru “ppn” akan muncul pada Pivot Table

| | | | | | | | | | |
|----|------------|---------------|------------------|-------------------|------------|---------------------|------------------------|-------------------------|------------------|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | 2012 | | | | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan | Total Sum of ppn |
| 5 | Sum of ppn | Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Sum of ppn | | | | |
| 6 | 96000 | 8 | 2 | 2120000 | 212000 | 17 | 4 | 15045000 | 1504500 |
| 7 | 0 | 1 | 1 | 150000 | 15000 | 1 | 1 | 150000 | 15000 |
| 8 | 22500 | | | 0 | 0 | 1 | 1 | 225000 | 22500 |
| 9 | 0 | 17 | 1 | 935000 | 93500 | 34 | 2 | 3740000 | 374000 |
| 10 | 496000 | 4 | 2 | 1596000 | 159600 | 17 | 5 | 19023000 | 1902300 |
| 11 | 0 | 44 | 1 | 3520000 | 352000 | 44 | 1 | 3520000 | 352000 |
| 12 | 45000 | 4 | 1 | 160000 | 16000 | 6 | 2 | 1590000 | 159000 |
| 13 | 6000 | 14 | 1 | 420000 | 42000 | 15 | 2 | 1350000 | 135000 |
| 14 | 0 | 1 | 1 | 225000 | 22500 | 1 | 1 | 225000 | 22500 |
| 15 | 15000 | | | 0 | 0 | 1 | 1 | 150000 | 15000 |
| 16 | 2940000 | 93 | 10 | 115692000 | 11569200 | 137 | 20 | 451963000 | 45196300 |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |

B.

- buka sheet 1 fakta_penjualan.xls, dan letakkan kursor ke area pivotTable
- Pada Menu Ribbon PivotTable Tools |Options, klik button formulas dan pilih Calculated Field.
- pada kotak dialog Insert Calculated Field yang muncul, masukan nilai kemudian klik OK
 - Name : Total Penghasilan
 - Formula = pendapatan - ppn



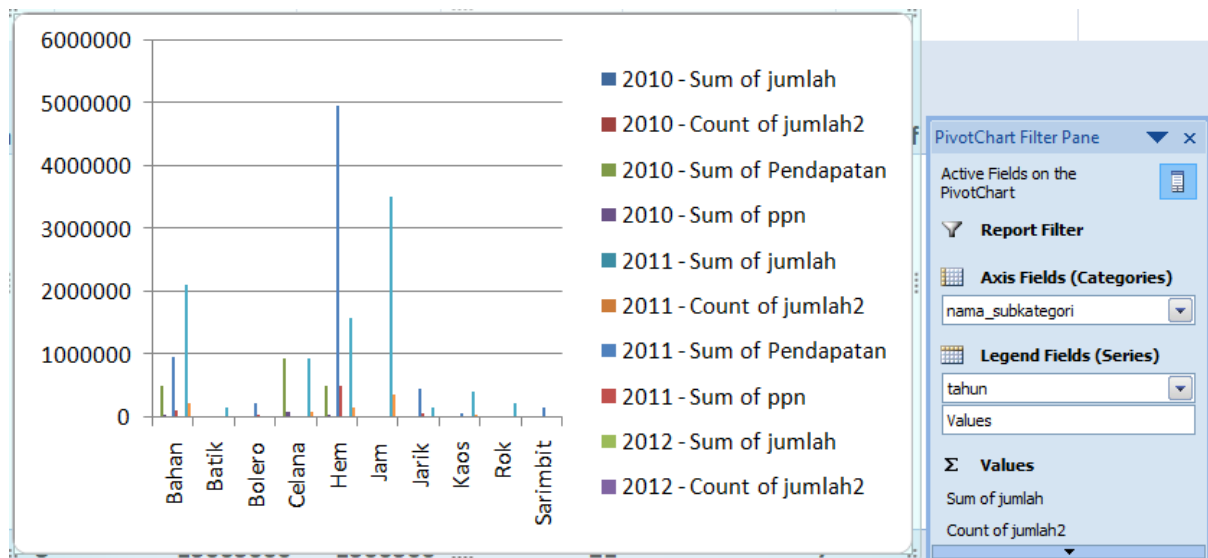
- Field baru "Total Penghasilan" akan muncul pada Pivot Table

| 2012 | | | | | | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Total Penghasilan |
|---------------|------------------|-------------------|------------|--------------------------|-----|---------------------|------------------------|--------------------------------|
| Sum of jumlah | Count of jumlah2 | Sum of Pendapatan | Sum of ppn | Sum of Total Penghasilan | | | | |
| 8 | 2 | 2120000 | 212000 | 1908000 | 17 | 4 | | |
| 1 | 1 | 150000 | 15000 | 135000 | 1 | 1 | | |
| | | 0 | 0 | 0 | 1 | 1 | | |
| 17 | 1 | 935000 | 93500 | 841500 | 34 | 2 | | |
| 4 | 2 | 1596000 | 159600 | 1436400 | 17 | 5 | | |
| 44 | 1 | 3520000 | 352000 | 3168000 | 44 | 1 | | |
| 4 | 1 | 160000 | 16000 | 144000 | 6 | 2 | | |
| 14 | 1 | 420000 | 42000 | 378000 | 15 | 2 | | |
| 1 | 1 | 225000 | 22500 | 202500 | 1 | 1 | | |
| | | 0 | 0 | 0 | 1 | 1 | | |
| 93 | 10 | 115692000 | 11569200 | 104122800 | 137 | 20 | | |

| | | | | | | Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan | Total Sum of ppn |
|-------------------|------------|--------------------------|-----|----|-----------|---------------------|------------------------|-------------------------|------------------|
| Sum of Pendapatan | Sum of ppn | Sum of Total Penghasilan | | | | | | | |
| 2120000 | 212000 | 1908000 | 17 | 4 | 15045000 | 1504500 | | | |
| 150000 | 15000 | 135000 | 1 | 1 | 150000 | 15000 | | | |
| 0 | 0 | 0 | 1 | 1 | 225000 | 22500 | | | |
| 935000 | 93500 | 841500 | 34 | 2 | 3740000 | 374000 | | | |
| 1596000 | 159600 | 1436400 | 17 | 5 | 19023000 | 1902300 | | | |
| 3520000 | 352000 | 3168000 | 44 | 1 | 3520000 | 352000 | | | |
| 160000 | 16000 | 144000 | 6 | 2 | 1590000 | 159000 | | | |
| 420000 | 42000 | 378000 | 15 | 2 | 1350000 | 135000 | | | |
| 225000 | 22500 | 202500 | 1 | 1 | 225000 | 22500 | | | |
| 0 | 0 | 0 | 1 | 1 | 150000 | 15000 | | | |
| 115692000 | 11569200 | 104122800 | 137 | 20 | 451963000 | 45196300 | | | |

| Total Sum of jumlah | Total Count of jumlah2 | Total Sum of Pendapatan | Total Sum of ppn | Total Sum of Total Penghasilan | |
|---------------------|------------------------|-------------------------|------------------|--------------------------------|--|
| 17 | 4 | 15045000 | 1504500 | 13540500 | |
| 1 | 1 | 150000 | 15000 | 135000 | |
| 1 | 1 | 225000 | 22500 | 202500 | |
| 34 | 2 | 3740000 | 374000 | 3366000 | |
| 17 | 5 | 19023000 | 1902300 | 17120700 | |
| 44 | 1 | 3520000 | 352000 | 3168000 | |
| 6 | 2 | 1590000 | 159000 | 1431000 | |
| 15 | 2 | 1350000 | 135000 | 1215000 | |
| 1 | 1 | 225000 | 22500 | 202500 | |
| 1 | 1 | 150000 | 15000 | 135000 | |
| 137 | 20 | 451963000 | 45196300 | 406766700 | |

2. membuat pivot Chart.



Kategori produk yang memberikan nilai penghasilan terbanyak selama 3 tahun adalah **hem**.